

Wilson Mark Arthur
 Form 4
 December 14, 2010

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Wilson Mark Arthur

2. Issuer Name and Ticker or Trading Symbol
 Thompson Creek Metals CO Inc.
 [TC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 12/10/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)

VP Sales & Marketing

C/O THOMPSON CREEK METALS COMPANY, 26 WEST DRY CREEK CIRCLE, SUITE 810

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

LITTLETON, CO 80120

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	12/10/2010		M		5,000	A	\$ 7.39 (1)
Common Stock	12/10/2010		S		5,000	D	\$ (2)
Common Stock	12/13/2010		M		15,000	A	\$ 7.35 (3)
Common Stock	12/13/2010		S		15,000	D	\$ 13.86

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(4)

Common Stock	200	I	Spouse
Common Stock	6,800	I	IRA
Common Stock	300	I	Spouse IRA
Common Stock	400	I	Minor children

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 7.39 ⁽¹⁾	12/10/2010		M	5,000	11/09/2006	11/09/2011	Common Stock	5,000
Employee Stock Option (right to buy)	\$ 7.35 ⁽³⁾	12/13/2010		M	15,000	11/09/2006	11/09/2011	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

VP Sales & Marketing

Wilson Mark Arthur
C/O THOMPSON CREEK METALS COMPANY
26 WEST DRY CREEK CIRCLE, SUITE 810
LITTLETON, CO 80120

Signatures

/s/ Anne G. Plimpton,
Attorney-In-Fact

12/14/2010

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents the conversion of \$7.42 Canadian dollars based upon a conversion rate in effect on December 10, 2010.
 - (2) Represents the conversion of \$13.92 Canadian dollars based upon a conversion rate in effect on December 10, 2010.
 - (3) Represents the conversion of \$7.42 Canadian dollars based upon a conversion rate in effect on December 13, 2010.
 - (4) Represents the conversion of \$13.92 Canadian dollars based upon a conversion rate in effect on December 13, 2010.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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